## ABSTRACT OF THE DISCLOSURE

A technique for dynamic bin allocation is disclosed. In one particular exemplary embodiment, the technique may be realized as a method for dynamic bin allocation. The method may comprise obtaining link performance data based on a plurality of test transmissions between two network elements, wherein the plurality of test transmissions utilize at least one transmission mode in each of a plurality of frequency ranges. The method may also comprise determining a desired transmission scheme, wherein each of the plurality of frequency ranges is designated for at least one of the at least one transmission mode based at least in part on the link performance data. The desired transmission scheme may be determined by identifying a desired transmission mode for each of the plurality of frequency ranges, or the desired transmission scheme may be selected from a plurality of predetermined transmission schemes.